

REPLACED BY
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CLAIMS

1. System for adapting a conventional telephone line to a data and voice transmission local network, characterised in that it includes a device (1) for detecting hung up/picked up line, which provides a signal showing open or close line, a device (2) for closing or opening the line (7), which provides the data to be transmitted, a device (3) for detecting a conventional call, an exterior connection module (4), a power supply circuit (5) which receives electrical current from the telephone line itself (7), and control means (6) which on receiving a signal through the connection module (4) transmits a suitable signal to the device (2) for opening and closing the line (7), which transmits message data to be transmitted, while said control means (6) also receive the conventional call signals.

20 2. System as claimed in claim 1, characterised in that the power supply circuit (5) is connected to the telephone line (7), to the control means (6), to the device (1) for detecting a hung up/picked up line and to the device (5) for closing or opening the line (7).

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3. System as claimed in claim 1 or claim 2, characterised in that it uses a communication protocol which allows to discriminate whether the communication received is for the itself equipment fitted with the 30 system or for other equipment.